

## ABSTRACT

### METHOD FOR THE LOCALIZATION OF ONE OR MORE TRANSMITTERS

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The invention relates to a method of localization of one or more sources, said source or sources being in motion relative to a network of sensors, the method comprising a step of separation of the sources in order to identify the direction vectors associated with the response of the sensors to a source  
 10 having a given incidence, characterized in that it comprises at least the following steps :

- associating the direction vectors  $\mathbf{a}_{1m} \dots \mathbf{a}_{Km}$  obtained for the  $m^{\text{th}}$  transmitter and respectively at the instants  $t_1 \dots t_K$ ,
- localizing the  $m^{\text{th}}$  transmitter from the associated vectors  $\mathbf{a}_{1m} \dots \mathbf{a}_{Km}$ .

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Figure 1